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Vickie Ishimaru Jan. 9, 2005  
Vickie Ishimaru Date

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Docket No.: F0361.C1.D1

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<i>In re</i> Application of:	Steven C. Avanzino, et al.	:	Confirmation No.:	7845
Serial No.:	10/608,883	:	Art Unit:	2813
Filed:	6/26/2003	:	Examiner:	Stephen W. Smoot
For:	INTEGRATED CIRCUIT WITH DIELECTRIC DIFFUSION BARRIER LAYER FORMED BETWEEN INTERCONNECTS AND INTERLAYER DIELECTRIC LAYERS	:		

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE /AMENDMENT AFTER FINAL REJECTION  
UNDER 37 C.F.R. §1.116

Sir:

The following Amendment and Remarks are submitted under 37 C.F.R. §1.116 in response to the Office Action mailed 11/10/2004, following the amendment format set forth under 37 CFR §1.121. After this introductory section, there are Amendments to the Specification and then Remarks, each starting on a separate page.

The Cross Reference to Related Applications section of the Specification has been amended to correct the serial number of the priority application.

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**The Law Offices of Mikio Ishimaru**

Intellectual Property Law  
Patents - Licensing - Strategy - & Related Matters  
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**Fax**

To: Mail Stop AF From: Mikio Ishimaru  
Examiner Stephen W. Smoot

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Fax: (703) 872-9306 Pages: 12, including this page  
TC 2813 - After Final

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Phone: (571) 272-1698 Date: January 9, 2005

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Re: U.S. Patent Application Serial CC:  
No. 10/608,883

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Response/Amendment to Office Action       Information       Other

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For confirmation or assistance, call (408) 738-0592

Dear Examiner Smoot:

Attached are a Transmittal and Response/Amendment to the Final Office Action dated November 10, 2004, for U.S. Patent Application Serial No. 10/608,883 (attorney docket no. F0361.C1.D1).

Respectfully submitted,



Mikio Ishimaru  
Reg. No. 27,449

Docket No.: F0361.C1.D1

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Steven C. Avanzino et al.

Confirmation No.: 7845

Serial No.: 10/608,883

Examiner: Stephen W. Smoot

Filed: 6/26/2003

Group Art Unit: 2813

For: INTEGRATED CIRCUIT WITH  
DIELECTRIC DIFFUSION BARRIER  
LAYER FORMED BETWEEN  
INTERCONNECTS AND INTERLAYER  
DIELECTRIC LAYERSRECEIVED  
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JAN 09 2005

TRANSMITTAL FOR ENCLOSURES (check all that apply)					
<input checked="" type="checkbox"/> Response / Amendment <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/Declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement, PTO Form-1449, & cited Reference(s) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):			
		Fax Cover Sheet			
		Remarks			

The fee, if required, has been calculated as shown below:

	NO. OF CLAIMS	HIGHEST PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEES
Total Claims	8	20	0	x \$50 =	\$ 0.00
Independent Claims	2	3	0	x \$200 =	\$ 0.00
If multiple claims newly presented, add \$360					
Fee for extension of time					
					TOTAL FEE \$0.00

Please charge Deposit Account No. 01-0365 in the amount of \$ 0.00. An additional copy of this transmittal sheet is submitted herewith.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment, to Deposit Account No. 01-0365, including any filing fees under 37 CFR 1.16 for presentation of extra claims and any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

Mikio Ishimaru  
Registration No. 27,449  
Date: January 9, 2005

CERTIFICATE OF MAILING OR TRANSMISSION			
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Type or printed name	Vickie Ishimaru		
Signature		Date	January 9, 2005